

**INTERWORKING OAM BETWEEN ETHERNET**  
**AND ATM/FRAME RELAY NETWORKS**

**ABSTRACT OF THE INVENTION**

The present invention provides a network architecture that interworks OA&M (Operations, Administration and Maintenance) failure notification data from the ATM Domain to the Ethernet Domain and vice versa. Failure indications or notifications are typically routed from one domain to another within 1-2 seconds; providing service providers and customers the ability to react quickly to network faults. This enhances the overall quality of the Ethernet-to-ATM Interworking service and provides a similar level of reliability across the Ethernet/ATM/FR domains.